| Electronic Acknowledgement Receipt |  |  |  |  |
|------------------------------------|--|--|--|--|
| EFS ID:                            | 1072893  |  |  |  |
| Application Number:                | 10596319   |  |  |  |
| Confirmation Number:               | 5326   |  |  |  |
| Title of Invention:                | ECHO CANCELLER HAVING A SERIES ARRANGEMENT OF<br>ADAPTIVE FILTERS WITH INDIVIDUAL UPDATE CONTROL<br>STRATEGY |  |  |  |
| First Named Inventor:              | Rene Martinus Maria DERKX  |  |  |  |
| Customer Number:                   | 24737  |  |  |  |
| Filer:                             | Michael E. Marion/Jeanne Rusciano  |  |  |  |
| Filer Authorized By:               | Michael E. Marion  |  |  |  |
| Attorney Docket Number:            | NL031456   |  |  |  |
| Receipt Date:                      | 09-JUN-2006  |  |  |  |
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| Time Stamp:                        | 08:58:37   |  |  |  |
| Application Type:                  | U.S. National Stage under 35 USC 371   |  |  |  |
| International Application Number:  | PCT/IB04/52556   |  |  |  |

## Payment information:

| Submitted with Payment                   | yes    |
|--|--------|
| Payment was successfully received in RAM | \$900  |
| RAM confirmation Number                  | 543    |
| Deposit Account                          | 141270 |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

## File Listing:

| Document<br>Number | Document Description                             | File Name                   | File Size(Bytes) | Multi<br>Part | Pages    |
|--------------------|--|-----------------------------|------------------|---------------|----------|
| 1                  | Application Data Sheet                           | NL031456ADS.pdf             | 16797540         | no            | 5        |
| Warnings:          |  |                             |                  |               |          |
| Information:       |  |                             |                  |               |          |
| 2                  | Oath or Declaration filed                        | NL031456Dec.pdf             | 109055           | no            | 3        |
| Warnings:          |  |                             |                  |               |          |
| Information:       |  |                             |                  |               |          |
| 3                  |  | NL031456Prelim.pdf          | 76811            | yes           | 5        |
|                    |  | Multipart Description       | n                |               |          |
|                    | Doc Desc   |                             | Start            | End           |          |
|                    | Preliminary Amendment                            |                             | 1                | 1             |          |
|                    | Claims   |                             | 2                | 4             |          |
|                    | Applicant Arguments/Remarks Made in an Amendment |                             | 5                | 5             |          |
| Warnings:          |  |                             | 1                |               |          |
| Information:       |  |                             |                  |               |          |
| 4                  | Fee Worksheet (PTO-875)                          | fee-info.pdf                | 8474             | no            | 2        |
| Warnings:          |  | <u> </u>                    | I.               |               | <u> </u> |
| Information:       |  |                             |                  |               |          |
|                    |  | Total Files Size (in bytes) | 169              | 91880         |          |

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.